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**CONSTRUCTION MANAGER'S  
WEEKLY STATUS REPORT  
FOR THE WEEK  
2/12/09 – 2/18/09**

**RECONSTRUCTION OF BENNING ROAD, NE  
FROM 14<sup>TH</sup> AND H STREET TO OKLAHOMA AVENUE  
CONTRACT NO. POKA 2005 - C - 0031 – CB**

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Placement of the 25mm free drain asphalt at the 18th Street intersection.

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Benning Rd Reconstruction  
Project Field Office  
1322A H Street NE  
Washington, DC 20002  
(o) 202.388.3081 (f) 202.388.3083

## EXECUTIVE SUMMARY

### Project Description

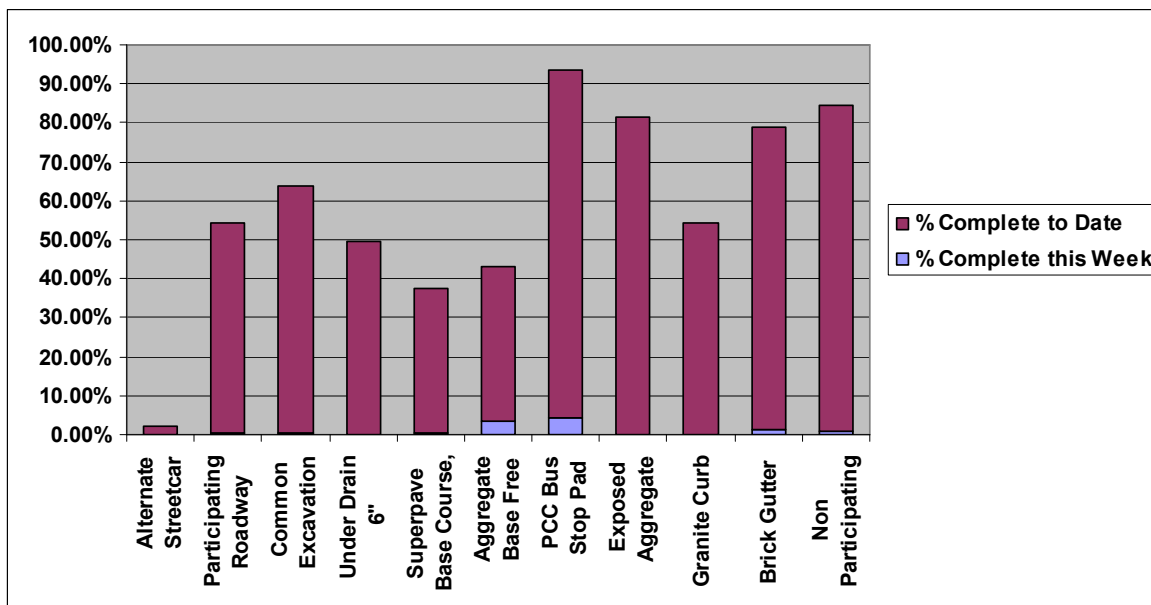
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14<sup>th</sup> and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3<sup>rd</sup> Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

## Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



## Issues and Resolutions:

- Washington Gas line discovered in the plaza area on 2-16-09. The existing line at its present location is conflicting with the plans for the installation of the equipment vault and plaza fountain. Washington Gas was notified and field observations were taken. Further resolution of the issue from Washington Gas is pending
- Resolution was identified for the water leak issue at the 1500 block on 2-6-09. The replacement of the water service lead to the apartment complex at the south east corner of 15<sup>th</sup> Street was authorized by WASA. Work for the replacement of the lead began on 2-7-09. Shut down and tie in to the existing lead occurred on 2-12-09. Final back fill of the area was completed on 2-16-09.
- Work on the Starburst Area PEPCO distribution line construction, between 14<sup>th</sup> Street and 16<sup>th</sup> started 12-8-08. Presently, PEPCO is not maintaining the schedule due to design issues that have arisen due to the field conditions. The



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projected completion date for this work is 5/1/09. Every day past the 5/1/09 projected completion date will result in a day claimed for further delay by CPDC.

- Delays in the removal of and replacement of the northbound curb lane have resulted due to the tunneling work by PEPCO at 19<sup>th</sup> Street. Capitol began the removal and replacement of the north bound curb lane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.

## WORK PERFORMED

For the week ending February 18, 2009, the following specific construction progress has been made in the areas listed:

### 1. Thursday 2/12:

#### Benning Road:

Demolition work, excavation, placement of the graded aggregate base course, formwork for the placement of concrete for the PCC driveways at 1817 and 1635 Benning. Removal and placement of the existing 6" water line to the apartment complex during a watermain shutdown at the 1500 Block. Installation of the brick gutter at the southwest corner of 17<sup>th</sup> Street, east of 17<sup>th</sup> Street and at the intersection of Benning and 16<sup>th</sup> Street.

#### Starburst Plaza:

Continuation of the installation of the chain link fencing around the plaza area. Removal of the PCC barriers from the plaza. Demolition and excavation of MD Ave North. Removal of 12 small trees from the plaza area. Demolition of the steps in the plaza area.

#### PEPCO work:

Cleaning of the PEPCO duct bank from 1820 Benning Road to the north west corner of 21<sup>st</sup> Street. Backfilling work, excavation and shoring at the south east corner of 15<sup>th</sup> Street. Formwork for the installation of the manhole P#41 and the placement of the plates at Florida Ave. Placement of 2-3" lifts of the 25mm asphalt from 1732 to the north west corner of 17<sup>th</sup> Street and the completion of the 1-3" lift from 1744 to the middle of the 18<sup>th</sup> Street intersection. Placement of 1-3" Lift of 25mm asphalt from 1916 to the north east corner of 21<sup>st</sup> Street.

### 2. Friday 2/13:

#### Benning Road:

Placement of the 25mm free drainage base course between 17<sup>th</sup> Street and 18<sup>th</sup> Street and between 18<sup>th</sup> Street and 19<sup>th</sup> Street. Installation of the brick gutter on the south side between 16<sup>th</sup> Street and 17<sup>th</sup> Street and between 18<sup>th</sup> Street and 19<sup>th</sup> Street. Saw cut expansion joint

for driveways at 1635 and 1817 Benning. Removal of the existing fire hydrants at 1629 Benning Road and the intersection of 16<sup>th</sup> Street. Excavation work, 6" undercut work, placement of the geofabric, placement of the aggregate base course and compaction at 17<sup>th</sup> Street on the south side. Continuation of the excavation work of the existing roadway, placement of the geofabric at the north west corner of 19<sup>th</sup> Street.

PEPCO work:

Continuation of the cleaning of the installed PEPCO ductbank from 1820 Benning to the north west corner of 21<sup>st</sup> Street. Continuation of the backfilling work and excavation and shoring work at the south east corner of 15<sup>th</sup> Street. Removal and rebuilding of the formwork for the construction of MH #P41 at Florida Ave. Placement of the 25mm Free drainage base asphalt at the 1900 Block. Placement of 1-4" lift of the 19mm asphalt from 1732 to the north west corner of 17<sup>th</sup> Street. Placement of one 4" lift of the 19mm asphalt from 1744 to the middle of the 18<sup>th</sup> Street intersection. Placement of the first lift of 19mm asphalt from 1928 Benning to the north west corner of 21<sup>st</sup> Street. Placement of the 2<sup>nd</sup> 4" lift of the 19mm asphalt from 1732 Benning to the north west corner of 17<sup>th</sup> Street. Placement of the first 4" lift of 19mm asphalt at the 1900 Block.

**3. Saturday 2/14:**

Benning Road:

Placement of the geofabric, placement of the graded aggregate base course and the compaction between 18<sup>th</sup> Street and 19<sup>th</sup> Street on the north side. Compaction of the sub base at the 17<sup>th</sup> Street intersection. Excavation and grading of the sub grade behind the retaining wall at the proposed equipment vault area at Maryland Ave. Placement of the graded aggregate base course and compaction at the 16<sup>th</sup> Street intersection. 6" Undercut at the north west corner of 19<sup>th</sup> Street.

**4. Sunday 2/15:**

No work completed.

**5. Monday 2/16:**

Benning Road:

Placement of concrete for the installation of the bus stop pad on the north side ; 1900 Block. Continuation of the excavation of the existing roadway to subgrade, placement of the geofabric and the placement of the aggregate base course at the north west corner of 19<sup>th</sup> Street. Placement of the aggregate base course and compaction at the north east corner of 18<sup>th</sup> Street. Manhole adjustment at the southwest corner of 17<sup>th</sup> Street. Compaction of the aggregate base course at the 1600 Block. Installation of the valve casing/ backfill trench leading to the apartment building at the 1500 Block.

Starburst Plaza at Maryland Ave North:

Excavation for the installation of the manhole (17b).



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**6. Tuesday 2/17:**

Benning Road:

Grading work of the second lane from the north side between 23<sup>rd</sup> Street and 25<sup>th</sup> Street. Excavation, placement of the graded aggregate base, compaction work and placement of concrete for the PCC driveway between 23<sup>rd</sup> and 24<sup>th</sup> Street. Compaction of the graded aggregate base between 19<sup>th</sup> Street and 20<sup>th</sup> Street. Man hole adjustments at the southwest corner of 17<sup>th</sup> Street. Contractor performing jobsite cleanup. Repair of a pedestrian countdown at 26<sup>th</sup> Street. Installation of a galvanized steel transformer base for light pole #'s L8, L10, L11, L13 and L17.

Starburst Plaza at Maryland Ave:

Excavation work, formwork and the placement of concrete for the manhole floor MH#17b.

PEPCO work:

Excavation to begin the installation of the PEPCO ductbank at 2 manholes at 14<sup>th</sup> Street. Installation and encasement of the 5" fiberglass electrical conduit for the PEPCO 10 way ductbank at the 1500 Block. Saw cut work of the center of the roadway at the 1500 block. Abandonment of the existing manhole at the south west corner of 17<sup>th</sup> Street. Placement of concrete for the construction of the lower walls for manhole MP#41.

**7. Wednesday 2/18:**

Benning Road:

Parging work of manholes/ Misc. Work between 21<sup>st</sup> Street and 26<sup>th</sup> Street. Commencement of the excavation for the installation of the 10 way duct PEPCO ductbank at 14<sup>th</sup> Street on the south side in front of 1405 H Street.

Maryland Ave North at Starburst Plaza:

Preparation for the construction of manhole 17b (s) along the existing sewer line.



## Utilities Reconstruction Update 2-18-09

### PEPCO:

#### Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes:	20	%Complete:	100%
12 Way Length Complete:	7764'	Total Length:	7764'	%Complete:	100%
14 Way Length Complete:	1619'	Total Length:	1619'	%Complete:	100%
10 Way Length Complete:	34'	Total Length:	34'	%Complete:	100%

#### PEPCO Feeder Line Replacement:

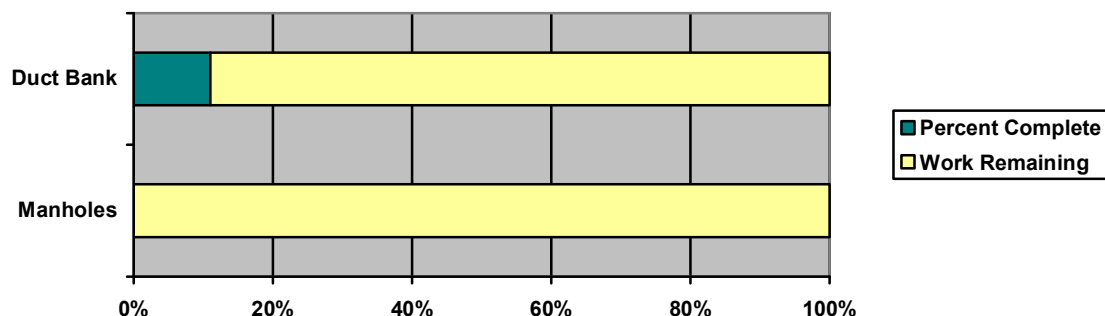
4085' total feeder	4085 feet complete	100% complete
6 Manholes total	6 completed	100% complete

Work has started on 9-11-08. Installation of the feeder line was completed on 2-11-09.

#### Starburst Distribution Line Duct Bank Construction:

Start: 11/24/08      Completion: 05/01/09

2363' total feet of ductbank	260 feet complete	11% complete
5 Manholes total	0 completed	0% complete



- 35 feet of duct bank construction completed within this report period.
- This activity is on a critical path and is a major concern on its completion, in order for other work by Capitol Paving to continue and be completed on time. Each potential day past the 5-1-09 tentative completion date will continue to affect the CPDC project timing.



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**Washington Gas:**

**Project Totals:**

Completed Connections:	77	Total Connections	77	%Complete:	100%
Gas Main install complete:	4615'	Total Length	4615'	%Complete:	100%

**Clear Channel:**

No new work performed in this report period. The relocation of the two bus stop shelters at the Starburst Plaza will occur upon the completion of the excavation and curb installations by CPDC in the starburst area. Schedule for the reinstallation is to be determined.





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**Attachment A:**

**RECONSTRUCTION OF BENNING ROAD N.E.  
TWO WEEK LOOK AHEAD SCHEDULE  
STARTING 2-16-09 TO 2-28-09**

**Starburst Plaza**

- **2.11.09 Site Preparation (3 days)**
- **2.11.09 Foundation Borings (3 days)**
- **3.2.09 Delivery of Vault Room (1 day)**

**1500 - 1600 blk Benning Rd. S/S**

- **2.16.09 Grading (6 days)**
- **2.23.09 Asphalt (2 days)**

**17<sup>th</sup> Street to 20<sup>th</sup> Street Benning Rd. S/S**

- **2.16.09 Asphalt (5 days)**

**21<sup>st</sup> St to Project Limit (Metro overpass) N/S**

- **2.16.09 Grading (11 days)**
- **2.25.09 Asphalt (4 days)**

**Watermain work (WASA)**

- **2.19.09 Remove valve and Tie in to WM at NEC 18<sup>th</sup> Street (5 days)**

**PEPCO Restoration**

- **2.16.09 Excavation and Grade 18<sup>th</sup> to 21<sup>st</sup> St N/S (8 days)**
- **2.16.09 Asphalt 17<sup>th</sup> to 21<sup>st</sup> N/S (10 days)**

**Benning Rd**

- **2.16.09 Erosion Control (2 days; Feb 18<sup>th</sup> & Feb 25<sup>th</sup>)**
- **2.16.09 MOT (2 days; Feb 18<sup>th</sup> & Feb 25<sup>th</sup>)**
- **2.16.09 Jobsite maintenance (2 days; Feb 18<sup>th</sup> & Feb 25<sup>th</sup>)**
- **2.18.09 Install bus pad at NEC 19<sup>th</sup> Street (2 Days)**
- **2.18.09 Set MOT at Morse and Bladensburg to Subphase 6 (3 Days)**
- **2.21.09 Granite curb and brick gutter (Morse Street; 6 days)**
- **2.18.09 Set MOT on H Street and Florida Ave to Subphase 1B (3days)**



Excavation and demolition work on Maryland Ave in the starburst area.



Placement of the 25mm Free drainage asphalt at 19th Street





Placement of geofabric and graded aggregate base at 17th Street



Compaction work of the subbase at 17th Street



Preparation work for the installation of the 19th Street PCC bus pad



Placement of concrete for PCC the driveway at 23rd Street